OF LAMINATED HOLOGRAM MEDIUM Inventor(s): Tokinobu MITASAKI et al. Atty. Ref.: 5259-000063/US/NP

1/45

FIG. 1

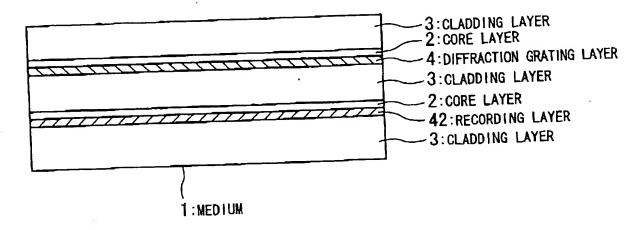
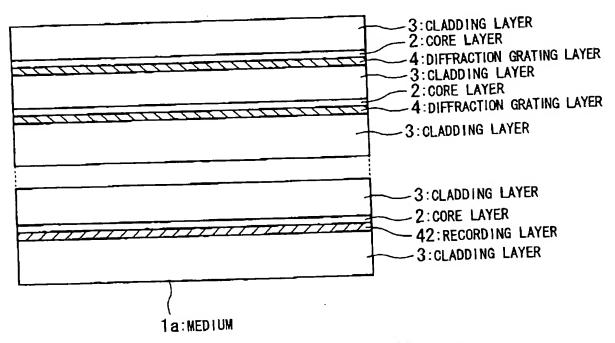


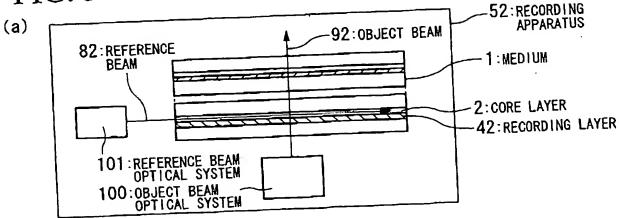
FIG. 2

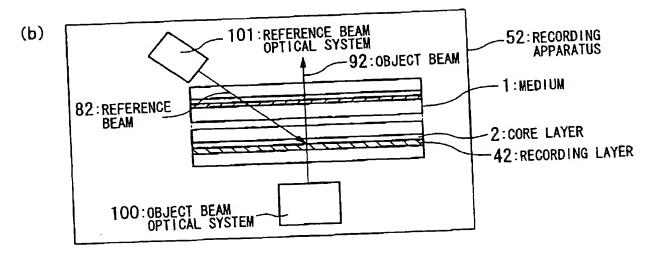


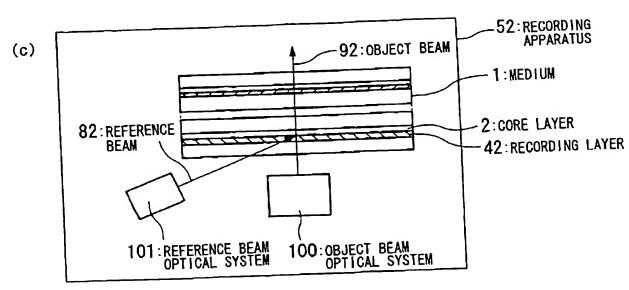
BEST AVAILABLE COPY

2/45

FIG. 3

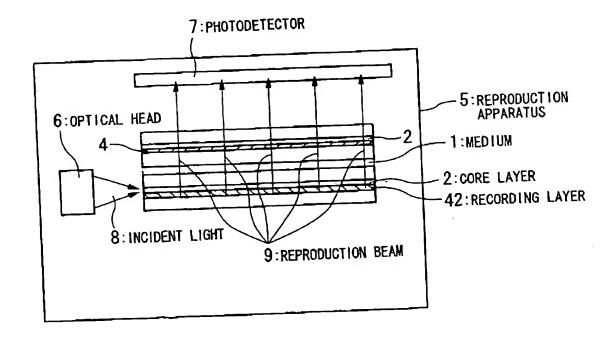


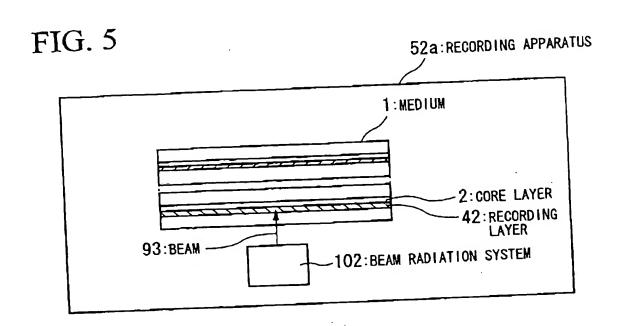


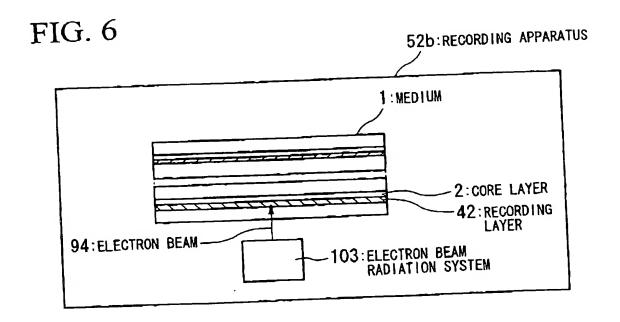


OF LAMINATED HOLOGRAM MEDIUM Inventor(s): Tokinobu MITASAKI et al. Atty. Ref.: 5259-000063/US/NP

FIG. 4







OF LAMINATED HOLOGRAM MEDIUM Inventor(s): Tokinobu MITASAKI et al. Atty. Ref.: 5259-000063/US/NP

5/45

FIG. 7

17

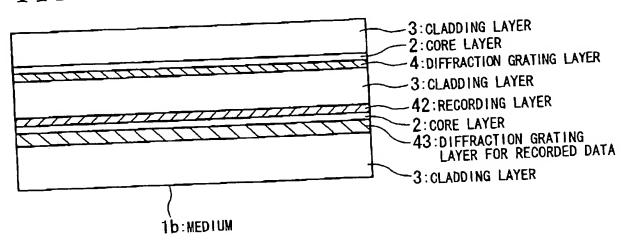
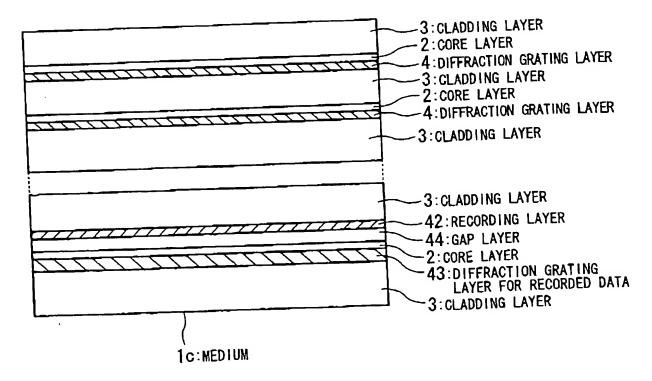
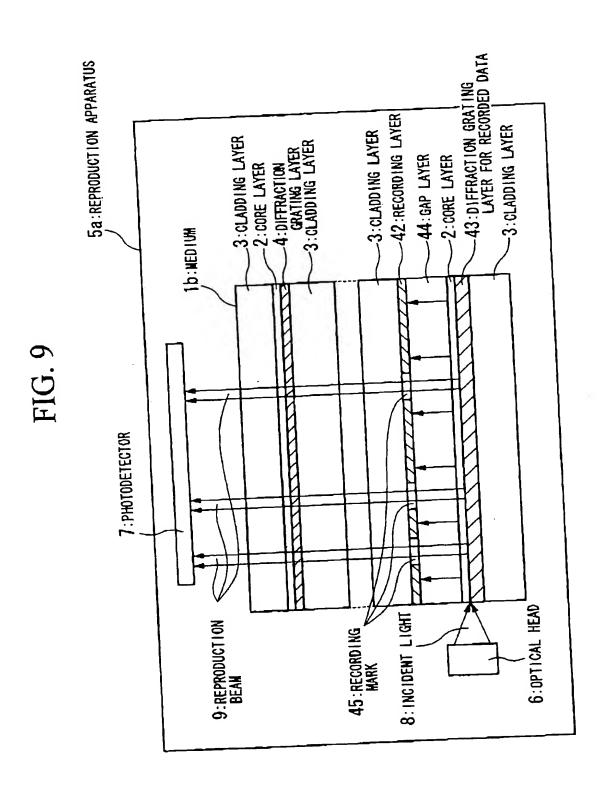


FIG. 8

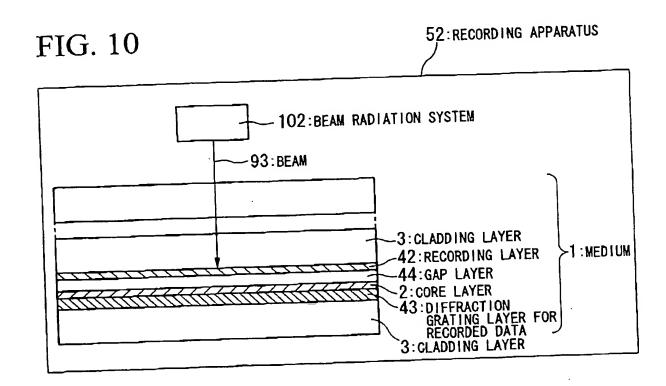


()

6/45



7/45



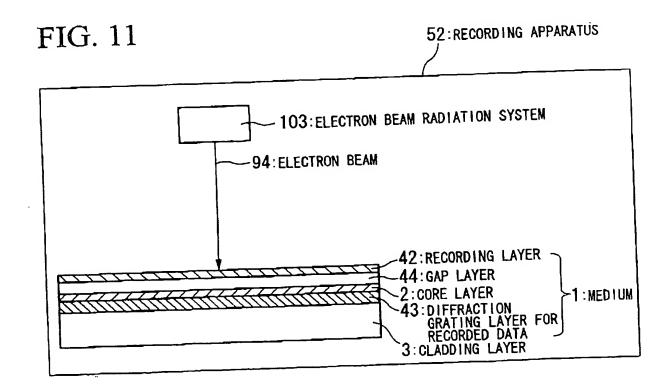
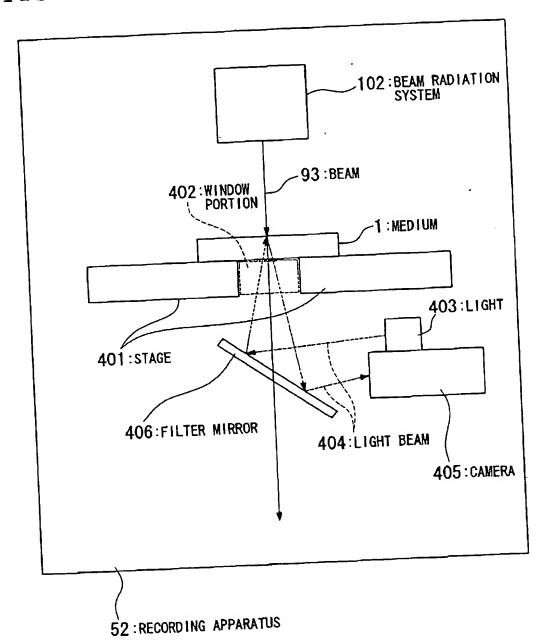
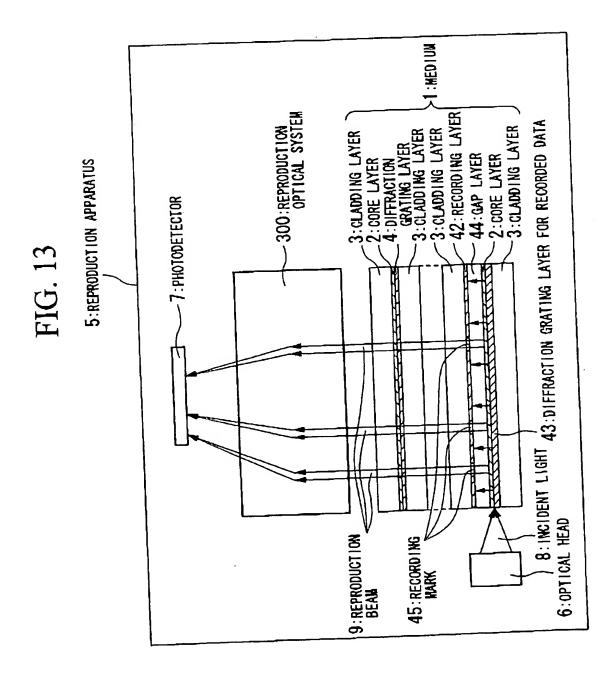


FIG. 12



9/45



Inventor(s): Tokinobu MITASAKI et al. Atty. Ref.: 5259-000063/US/NP

FIG. 14

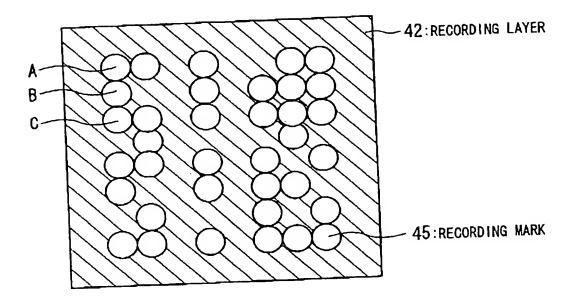
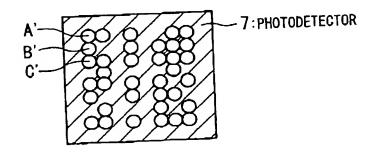
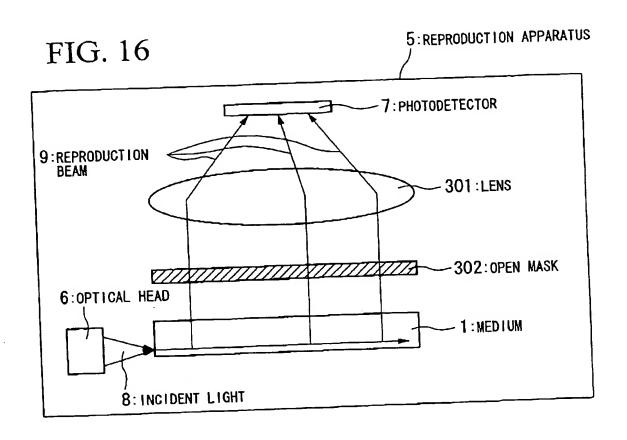
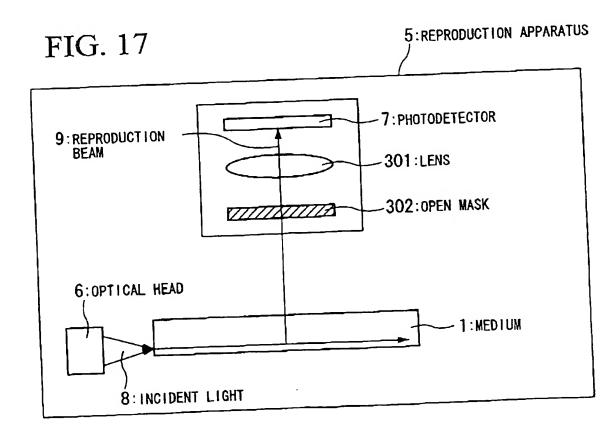


FIG. 15



11/45





Inventor(s): Tokinobu MITASAKI et al. Atty. Ref.: 5259-000063/US/NP

FIG. 18

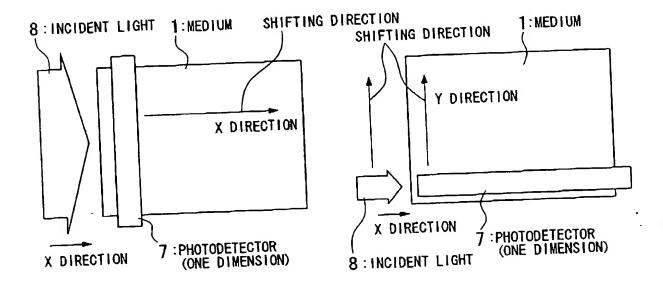
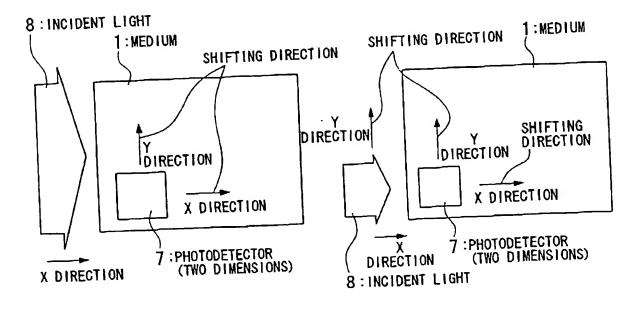
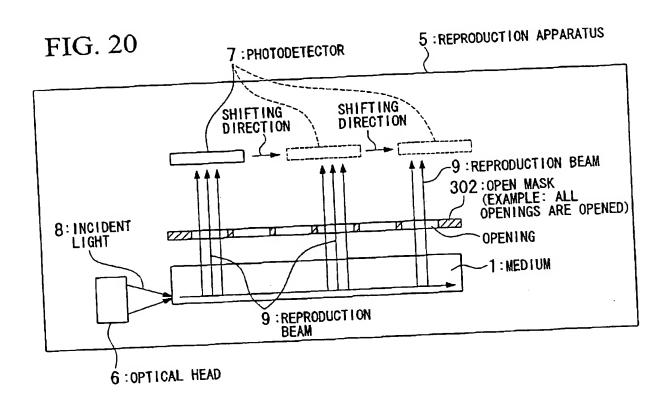
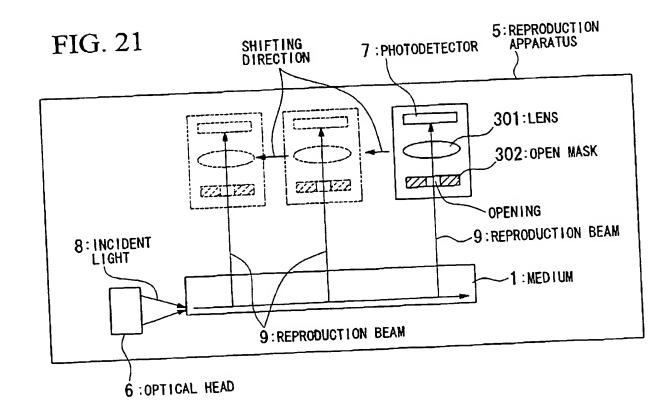


FIG. 19



Inventor(s): Tokinobu MITASAKI et al. Atty. Ref.: 5259-000063/US/NP





Inventor(s): Tokinobu MITASAKI et al. Atty. Ref.: 5259-000063/US/NP

14/45

FIG. 22

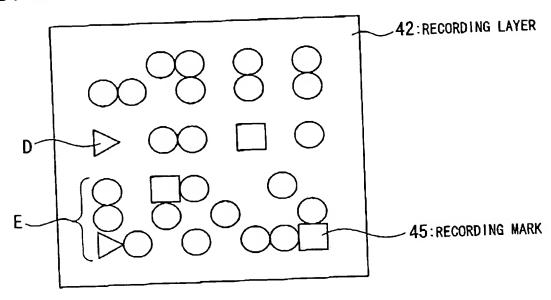
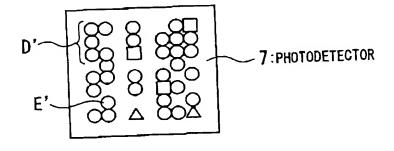


FIG. 23



Inventor(s): Tokinobu MITASAKI et al. Atty. Ref.: 5259-000063/US/NP

15/45

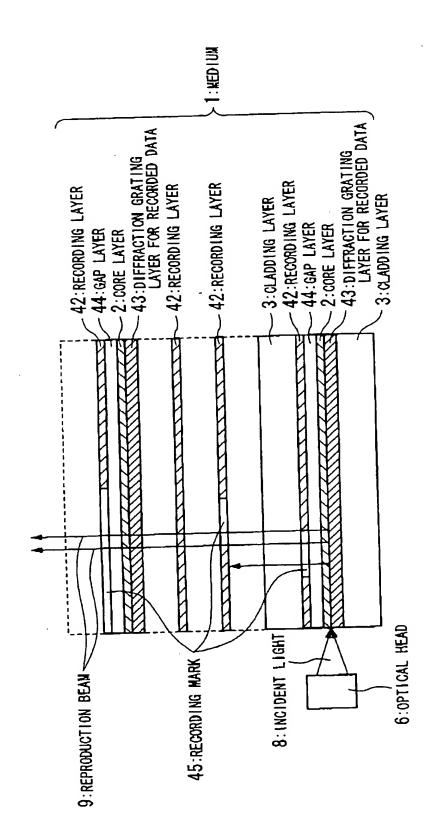


FIG. 24

16/45

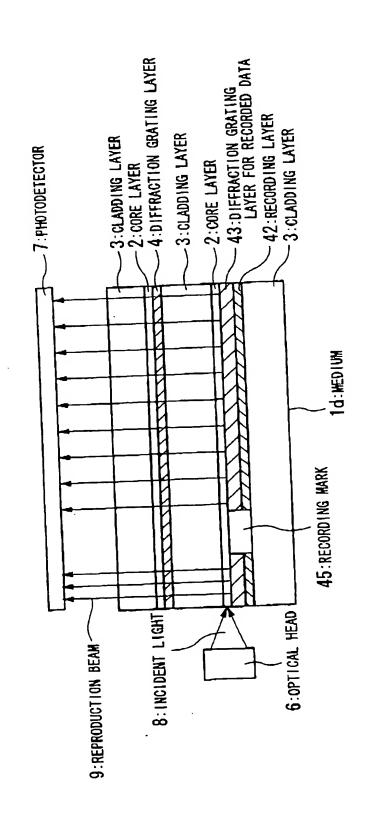
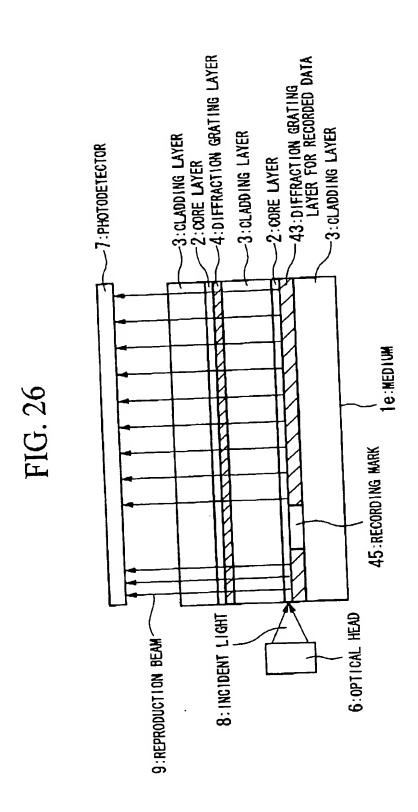
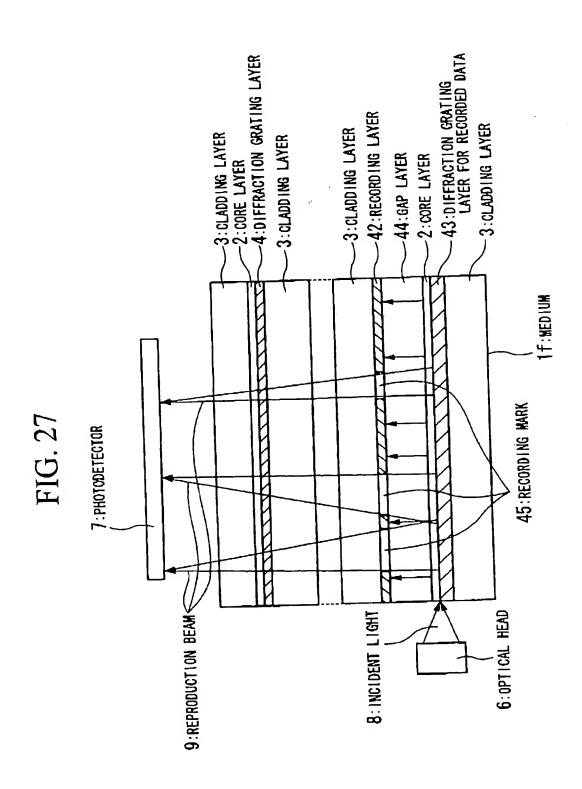


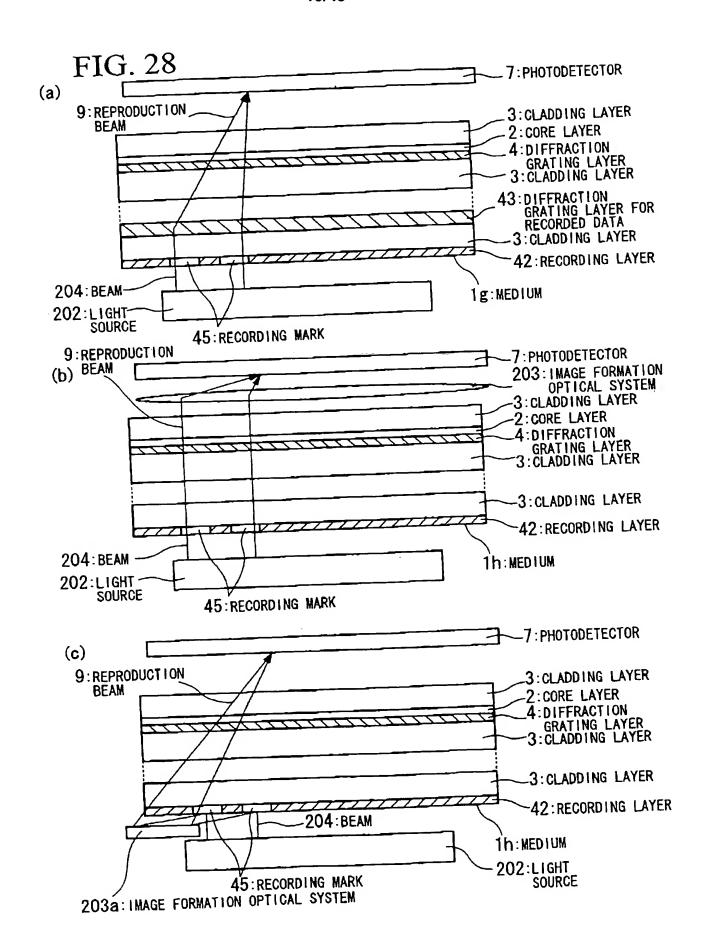
FIG. 25

17/45

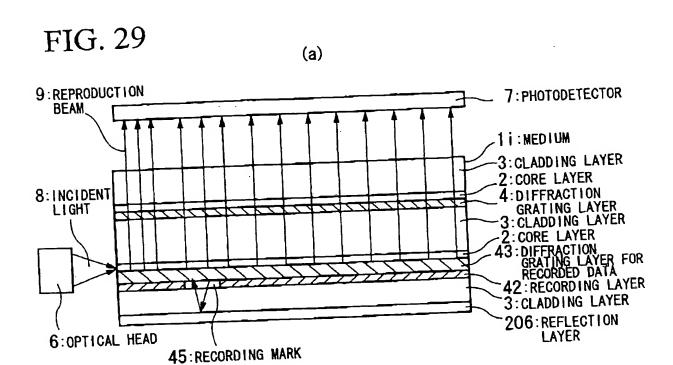


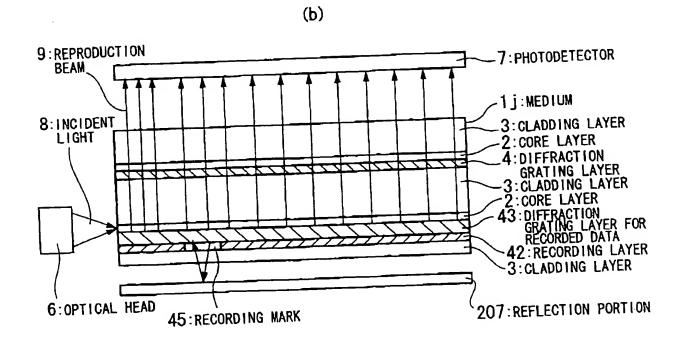
18/45





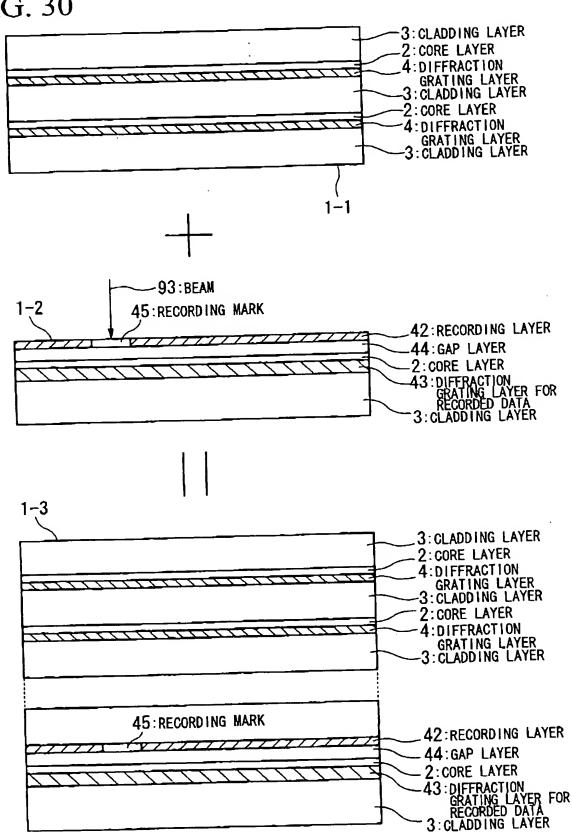
Inventor(s): Tokinobu MITASAKI et al. Atty. Ref.: 5259-000063/US/NP



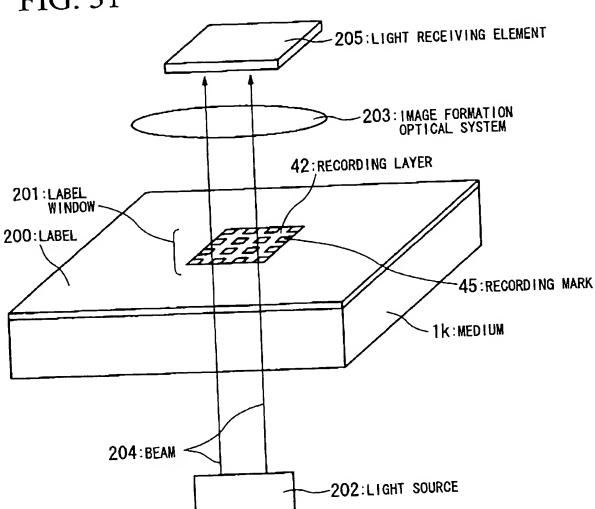


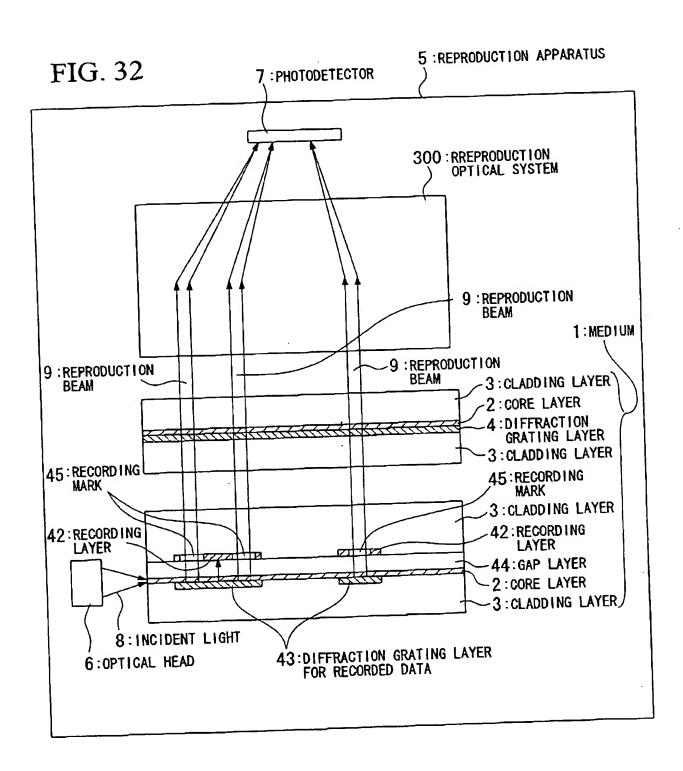
OF LAMINATED HOLOGRAM MEDIUM Inventor(s): Tokinobu MITASAKI et al. Atty. Ref.: 5259-000063/US/NP











Title: LAMINATED HOLOGRAPHIC MEDIUM, RECORDING APPARATUS/METHOD, REPRODUCTION APPARATUS/METHOD FOR THE SAME AND DESIGN METHOD

OF LAMINATED HOLOGRAM MEDIUM Inventor(s): Tokinobu MITASAKI et al. Atty. Ref.: 5259-000063/US/NP

24/45

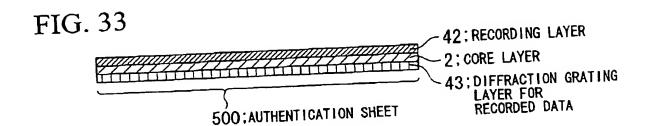


FIG. 34

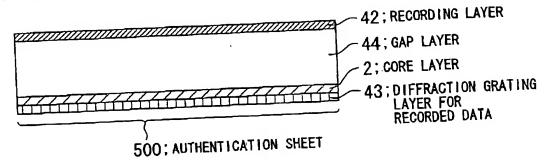
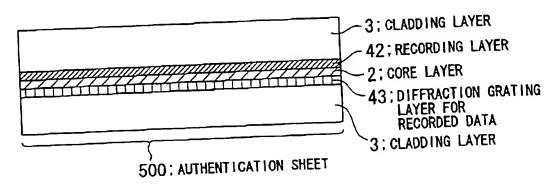


FIG. 35



25/45



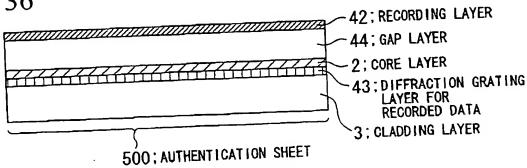
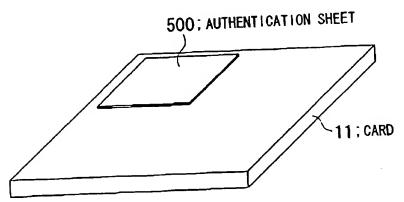


FIG. 37



Title: LAMINATED HOLOGRAPHIC MEDIUM, RECORDING APPARATUS/METHOD, REPRODUCTION APPARATUS/METHOD FOR THE SAME AND DESIGN METHOD

OF LAMINATED HOLOGRAM MEDIUM Inventor(s): Tokinobu MITASAKI et al. Atty. Ref.: 5259-000063/US/NP

FIG. 38

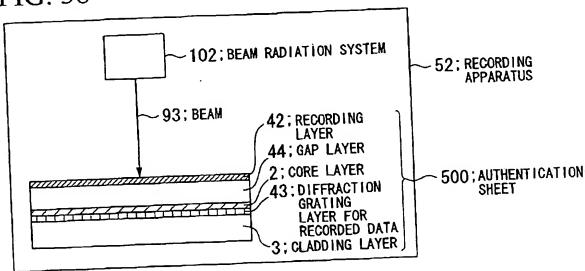
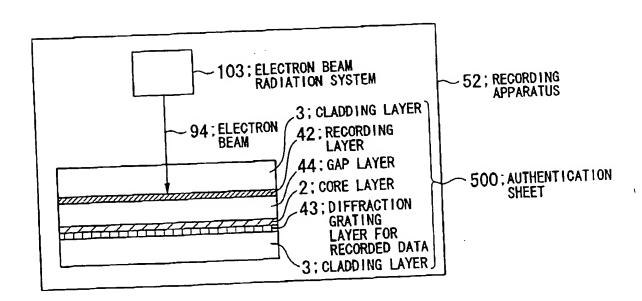
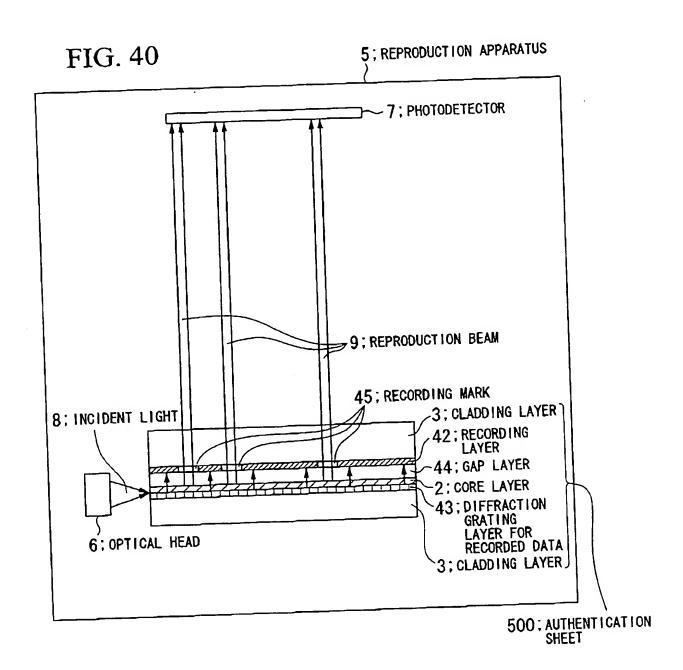
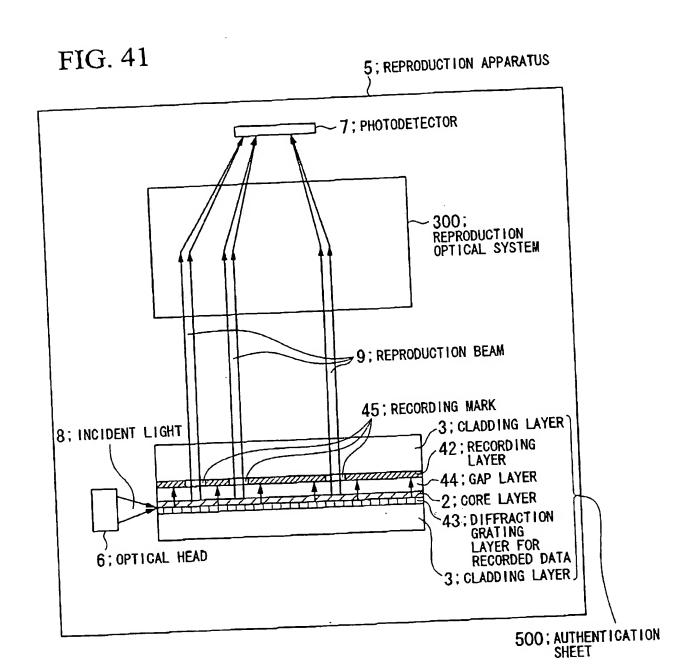


FIG. 39

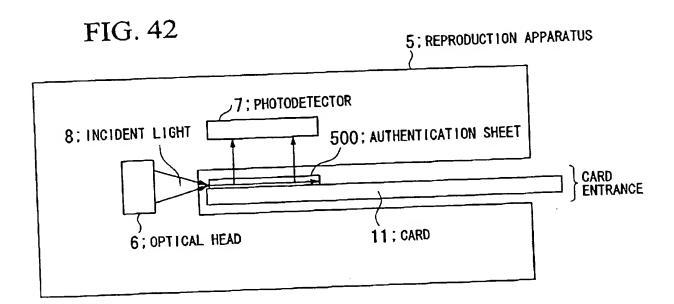


Inventor(s): Tokinobu MITASAKI et al. Atty. Ref.: 5259-000063/US/NP





Inventor(s): Tokinobu MITASAKI et al. Atty. Ref.: 5259-000063/US/NP



Title: LAMINATED HOLOGRAPHIC MEDIUM, RECORDING APPARATUS/METHOD, REPRODUCTION APPARATUS/METHOD FOR THE SAME AND DESIGN METHOD

OF LAMINATED HOLOGRAM MEDIUM Inventor(s): Tokinobu MITASAKI et al. Atty. Ref.: 5259-000063/US/NP

FIG. 43

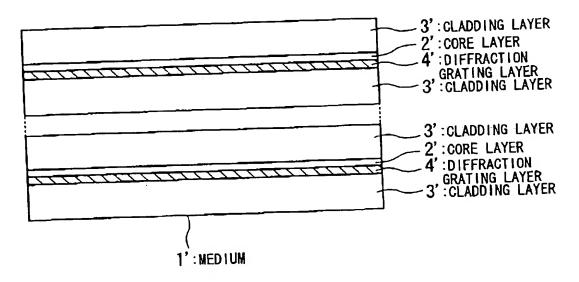
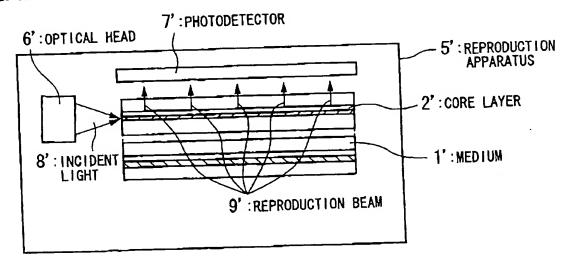


FIG. 44



OF LAMINATED HOLOGRAM MEDIUM Inventor(s): Tokinobu MITASAKI et al. Atty. Ref.: 5259-000063/US/NP

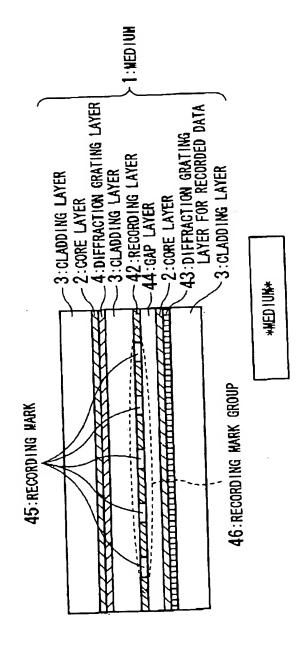
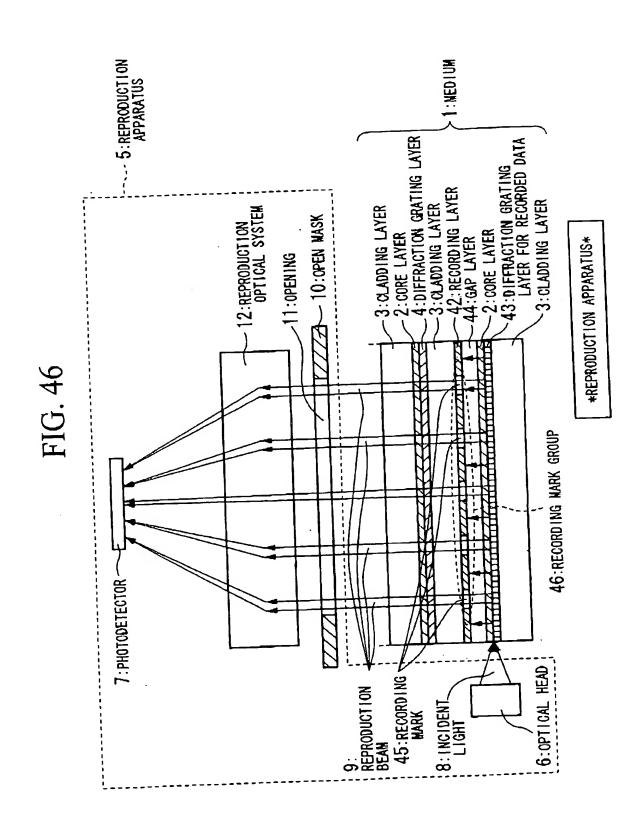


FIG. 45

32/45

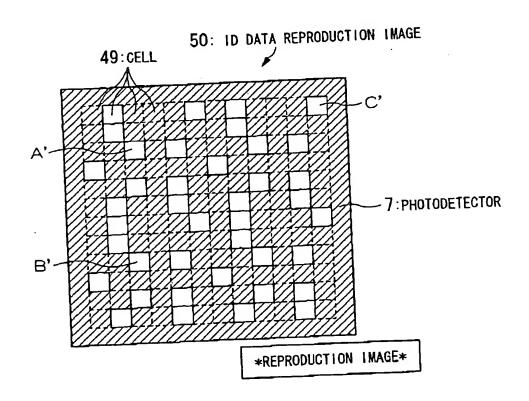


Title: LAMINATED HOLOGRAPHIC MEDIUM, RECORDING APPARATUS/METHOD, REPRODUCTION APPARATUS/METHOD FOR THE SAME AND DESIGN METHOD

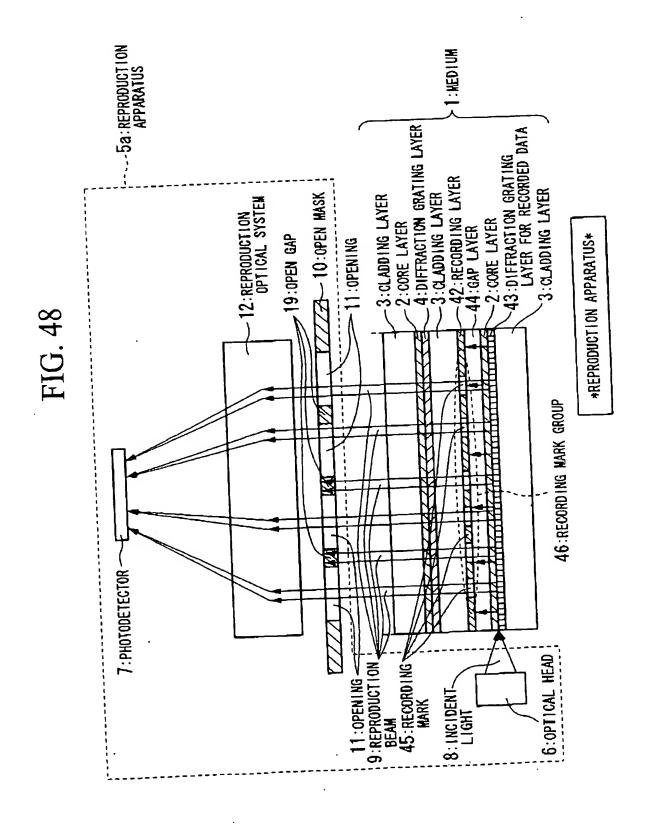
OF LAMINATED HOLOGRAM MEDIUM Inventor(s): Tokinobu MITASAKI et al. Atty. Ref.: 5259-000063/US/NP

33/45

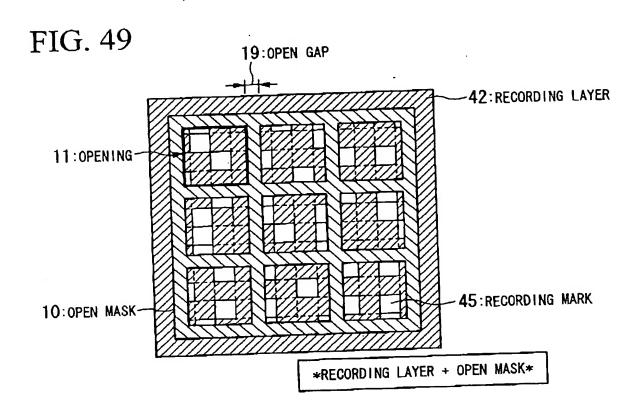
FIG. 47

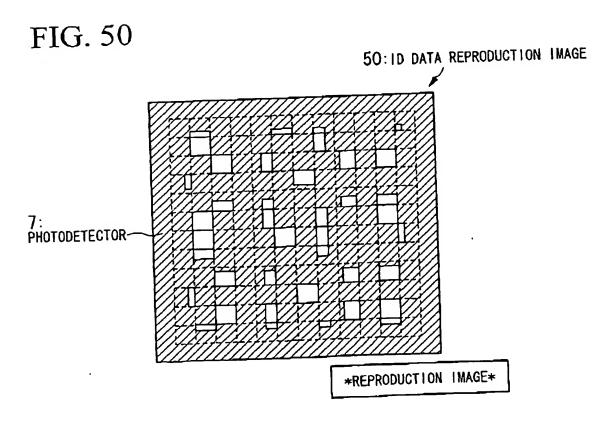


34/45

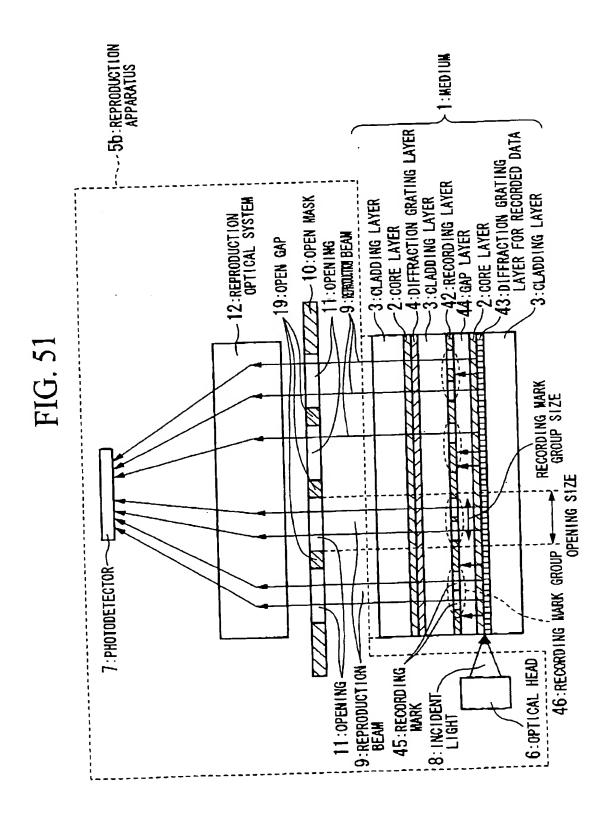


35/45

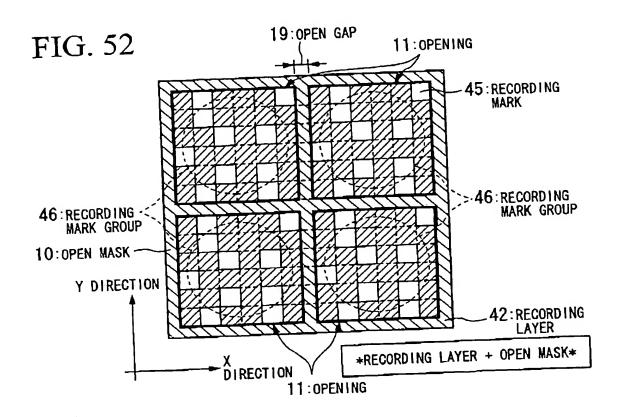


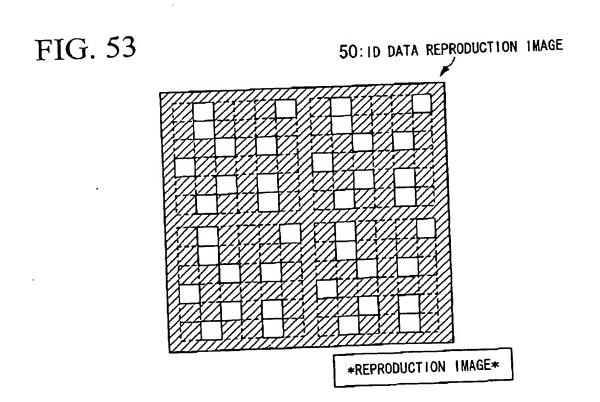


36/45

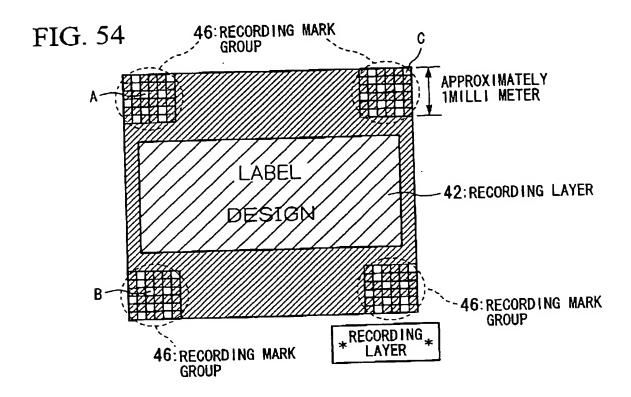


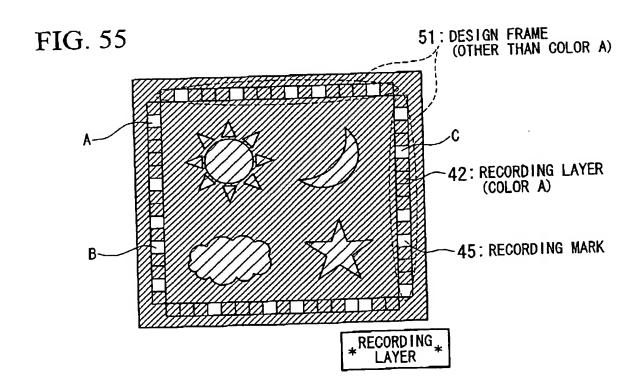
37/45





Inventor(s): Tokinobu MITASAKI et al. Atty. Ref.: 5259-000063/US/NP





Inventor(s): Tokinobu MITASAKI et al. Atty. Ref.: 5259-000063/US/NP

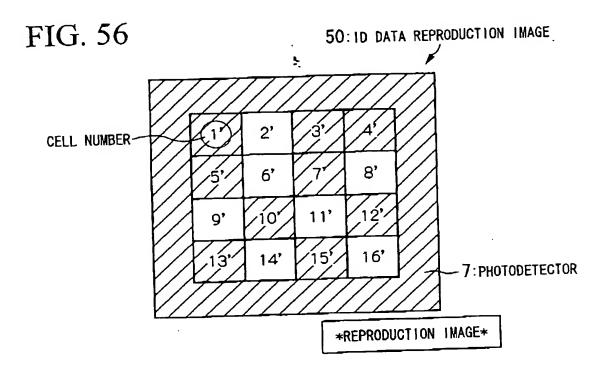
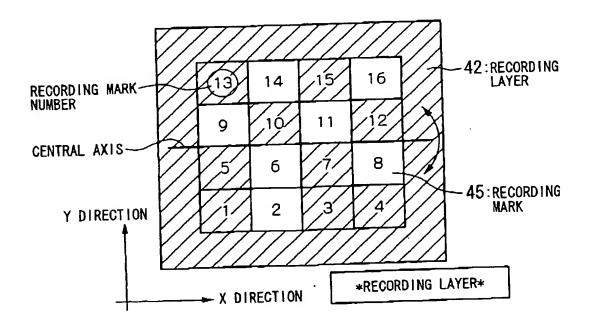
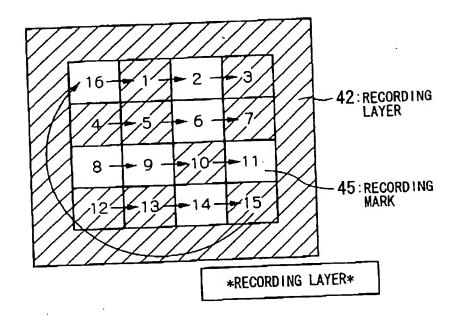


FIG. 57



Inventor(s): Tokinobu MITASAKI et al. Atty. Ref.: 5259-000063/US/NP

FIG. 60



Title: LAMINATED HOLOGRAPHIC MEDIUM, RECORDING APPARATUS/METHOD, REPRODUCTION APPARATUS/METHOD FOR THE SAME AND DESIGN METHOD

OF LAMINATED HOLOGRAM MEDIUM Inventor(s): Tokinobu MITASAKI et al. Atty. Ref.: 5259-000063/US/NP

41/45

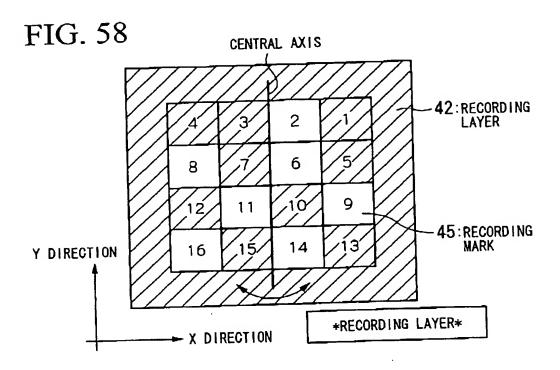
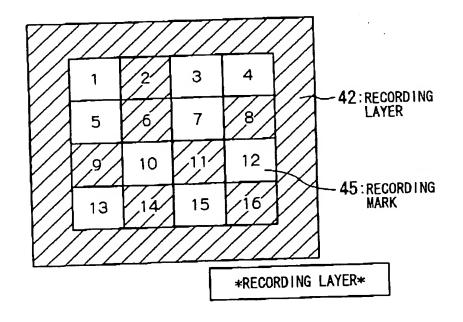


FIG. 59



Inventor(s): Tokinobu MITASAKI et al. Atty. Ref.: 5259-000063/US/NP

FIG. 61

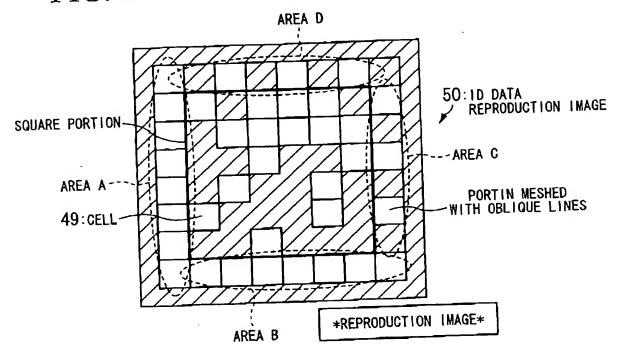
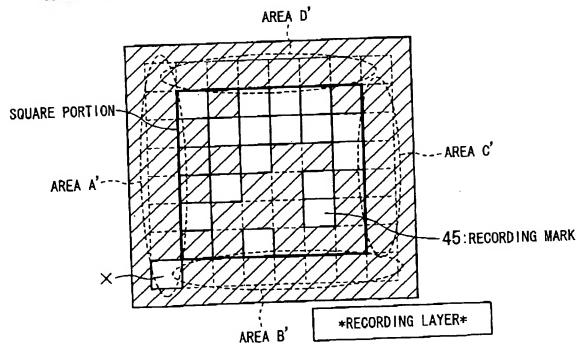


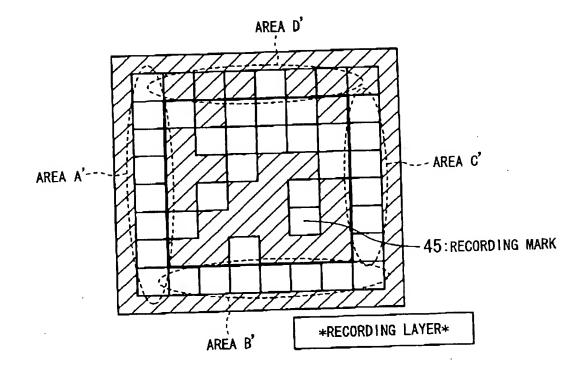
FIG. 62



Inventor(s): Tokinobu MITASAKI et al. Atty. Ref.: 5259-000063/US/NP

43/45

FIG. 63



Inventor(s): Tokinobu MITASAKI et al. Atty. Ref.: 5259-000063/US/NP

44/45

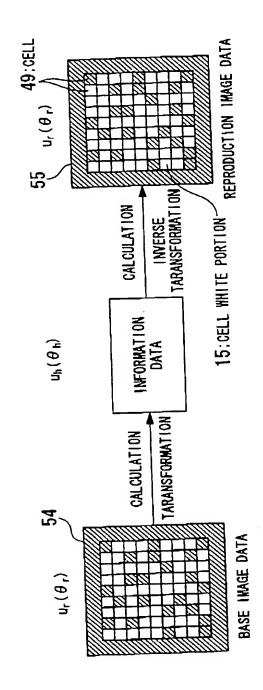
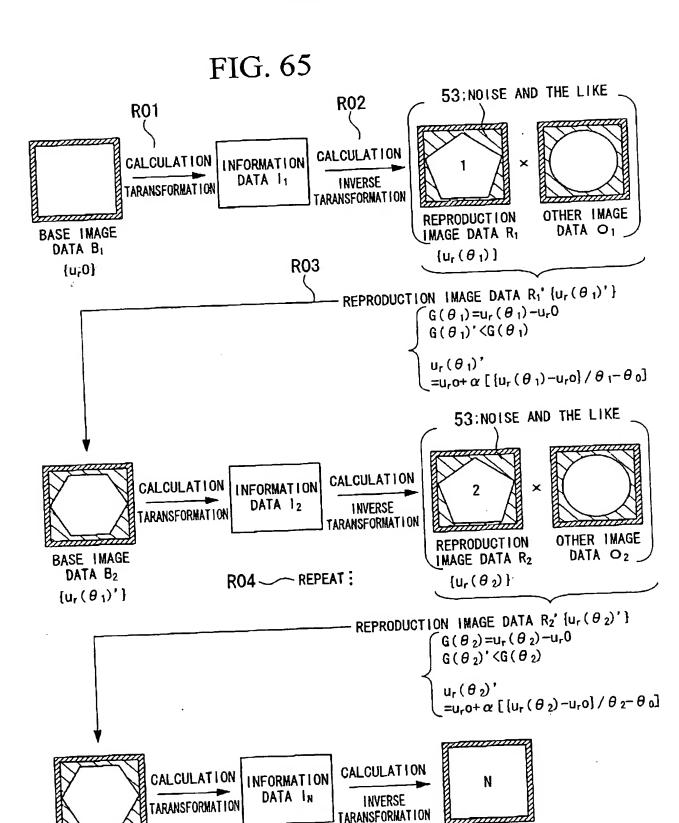


FIG. 64

Inventor(s): Tokinobu MITASAKI et al. Atty. Ref.: 5259-000063/US/NP

45/45



BASE IMAGE

DATA BN

 $\{u_r(\theta_{N-1})'\}$

REPRODUCTION

IMAGE DATA RN

 $\{u_r(\theta_N)\}$

This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

□ BLACK BORDERS
□ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
□ FADED TEXT OR DRAWING
□ BLURRED OR ILLEGIBLE TEXT OR DRAWING
□ SKEWED/SLANTED IMAGES
□ COLOR OR BLACK AND WHITE PHOTOGRAPHS
□ GRAY SCALE DOCUMENTS
□ LINES OR MARKS ON ORIGINAL DOCUMENT
□ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.